

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011623\  
 Data File : PL080352.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jan 2023 18:47  
 Operator : AR\AJ  
 Sample : 01159-04MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 16 20:45:09 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 12 01:47:41 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|-----------|
| -----                       |                 |        |       |          |          |          |           |
| System Monitoring Compounds |                 |        |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.351  | 2.690 | 37887519 | 36091969 | 18.966   | 16.137    |
| 28)                         | SA Decachlor... | 8.789  | 7.841 | 26766933 | 35281629 | 18.142   | 15.696    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.800  | 3.192 | 151.7E6  | 149.1E6  | 52.531   | 46.538    |
| 3)                          | MA gamma-BHC... | 4.129  | 3.520 | 140.3E6  | 139.1E6  | 52.467   | 46.064    |
| 4)                          | MA Heptachlor   | 4.712  | 3.862 | 134.1E6  | 143.0E6  | 51.509   | 44.409    |
| 5)                          | MB Aldrin       | 5.051  | 4.141 | 131.7E6  | 141.1E6  | 55.404   | 47.427    |
| 6)                          | B beta-BHC      | 4.324  | 3.816 | 62157177 | 59545014 | 52.588   | 44.242    |
| 7)                          | B delta-BHC     | 4.567  | 4.046 | 139.9E6  | 135.3E6  | 53.539   | 46.832    |
| 8)                          | B Heptachlo...  | 5.476  | 4.644 | 120.1E6  | 127.8E6  | 54.075   | 45.584    |
| 9)                          | A Endosulfan I  | 5.857  | 5.013 | 108.0E6  | 117.2E6  | 53.333   | 44.845    |
| 10)                         | B gamma-Chl...  | 5.730  | 4.895 | 119.8E6  | 130.8E6  | 54.717   | 45.783    |
| 11)                         | B alpha-Chl...  | 5.809  | 4.959 | 117.8E6  | 130.3E6  | 54.320   | 45.547    |
| 12)                         | B 4,4'-DDE      | 5.987  | 5.152 | 105.4E6  | 111.9E6  | 54.356   | 47.674    |
| 13)                         | MA Dieldrin     | 6.131  | 5.279 | 115.4E6  | 127.6E6  | 56.154   | 46.805    |
| 14)                         | MA Endrin       | 6.359  | 5.553 | 100.9E6  | 110.6E6  | 55.019   | 46.474    |
| 15)                         | B Endosulfa...  | 6.577  | 5.847 | 98706353 | 110.1E6  | 51.174   | 45.371    |
| 16)                         | A 4,4'-DDD      | 6.501  | 5.706 | 88688711 | 90775474 | 56.037   | 48.978    |
| 17)                         | MA 4,4'-DDT     | 6.814  | 5.957 | 84078730 | 91317951 | 47.675   | 43.335    |
| 18)                         | B Endrin al...  | 6.707  | 6.027 | 76486250 | 82953466 | 53.018   | 45.563    |
| 19)                         | B Endosulfa...  | 6.940  | 6.250 | 95111935 | 107.0E6  | 54.569   | 46.075    |
| 20)                         | A Methoxychlor  | 7.292  | 6.536 | 45291584 | 51784025 | 50.835   | 43.081    |
| 21)                         | B Endrin ke...  | 7.420  | 6.755 | 100.3E6  | 118.0E6  | 53.811   | 46.846    |
| 22)                         | Mirex           | 7.892  | 6.940 | 79592084 | 107.4E6  | 56.268   | 47.715    |
| 23)                         | Chlordane-1     | 0.000  | 3.695 | 0        | 69339    | N.D.     | 0.850 #   |
| 24)                         | Chlordane-2     | 5.051f | 4.271 | 131.7E6  | -85120   | 1496.696 | N.D. #    |
| 25)                         | Chlordane-3     | 5.730  | 4.895 | 119.8E6  | 130.8E6  | 369.074  | 458.180   |
| 26)                         | Chlordane-4     | 5.809  | 4.959 | 117.8E6  | 130.3E6  | 294.989  | 455.495 # |
| 27)                         | Chlordane-5     | 6.624f | 5.633 | 1364590  | 331320   | 19.280   | 4.145 #   |
| -----                       |                 |        |       |          |          |          |           |

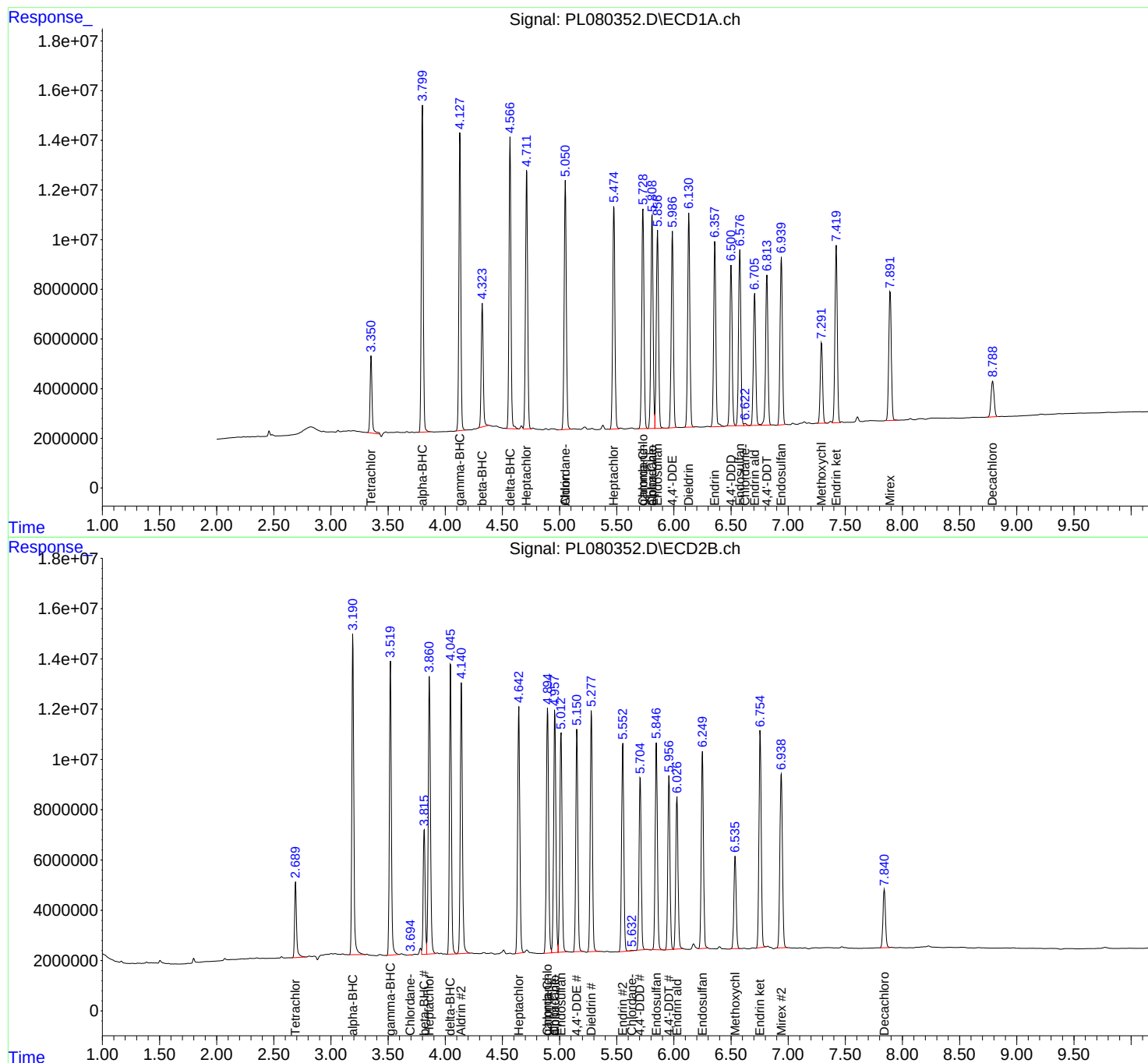
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

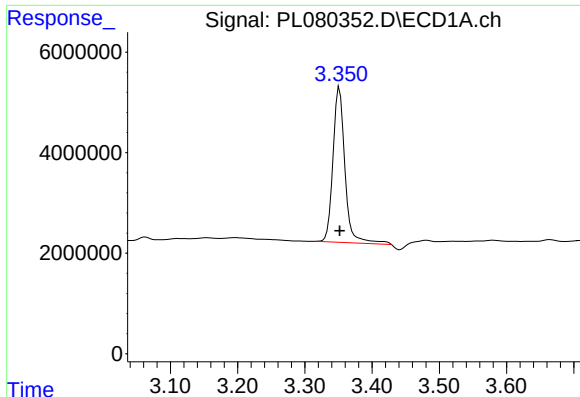
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011623\  
Data File : PL080352.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jan 2023 18:47  
Operator : AR\AJ  
Sample : 01159-04MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 16 20:45:09 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011223.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 12 01:47:41 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

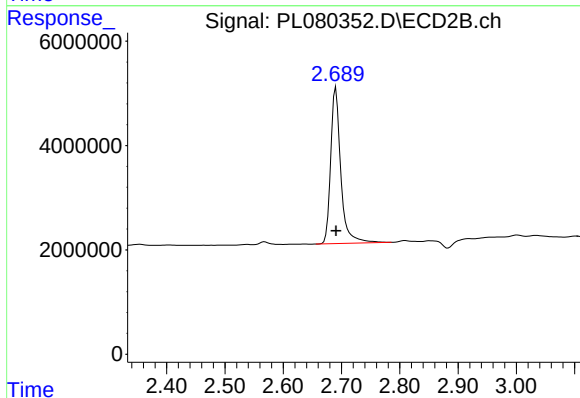




#1 Tetrachloro-m-xylene

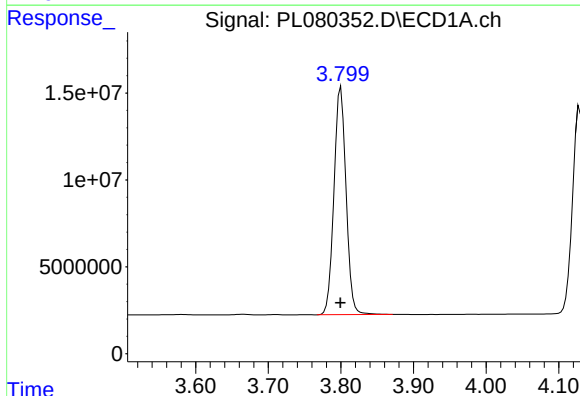
R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 37887519  
Conc: 18.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



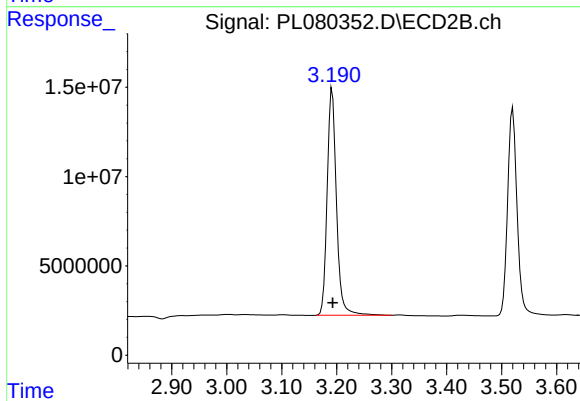
#1 Tetrachloro-m-xylene

R.T.: 2.690 min  
Delta R.T.: 0.000 min  
Response: 36091969  
Conc: 16.14 ng/ml



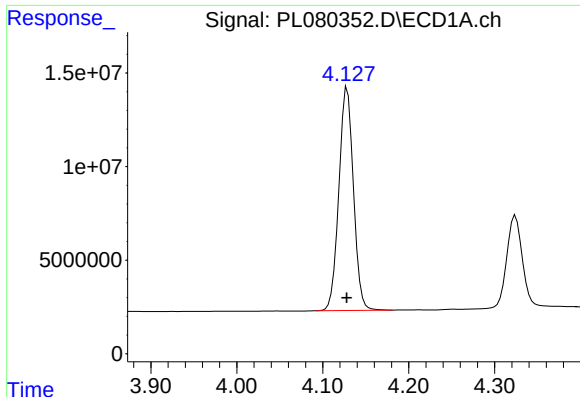
#2 alpha-BHC

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 151721068  
Conc: 52.53 ng/ml



#2 alpha-BHC

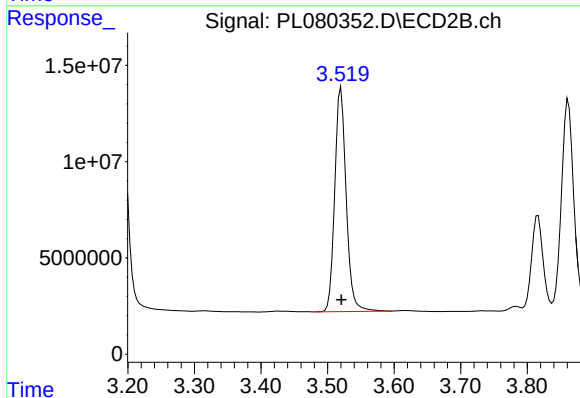
R.T.: 3.192 min  
Delta R.T.: 0.000 min  
Response: 149083036  
Conc: 46.54 ng/ml



#3 gamma-BHC (Lindane)

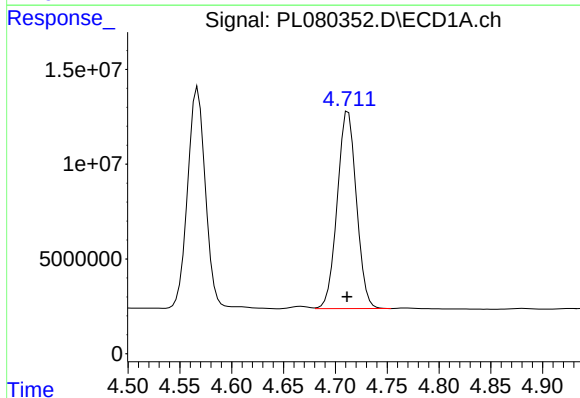
R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 140253472  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



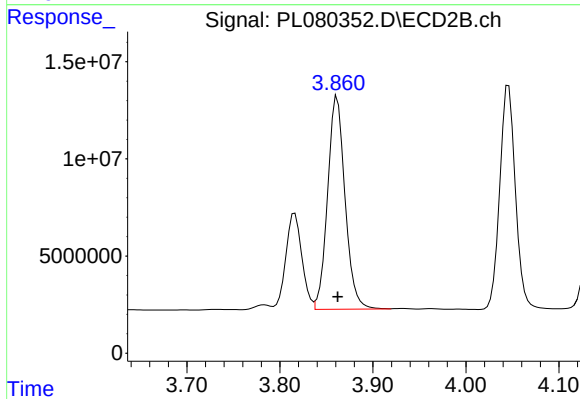
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 139059698  
Conc: 46.06 ng/ml



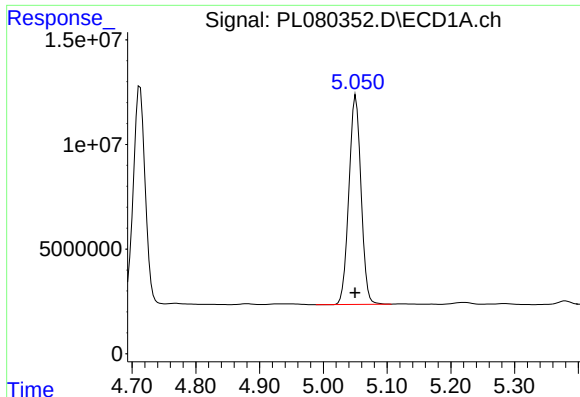
#4 Heptachlor

R.T.: 4.712 min  
Delta R.T.: 0.001 min  
Response: 134081460  
Conc: 51.51 ng/ml



#4 Heptachlor

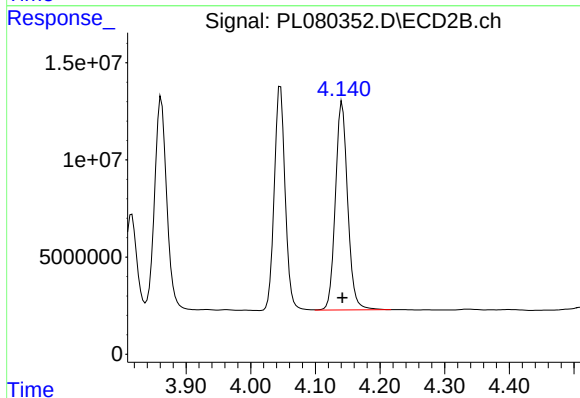
R.T.: 3.862 min  
Delta R.T.: 0.000 min  
Response: 142981919  
Conc: 44.41 ng/ml



#5 Aldrin

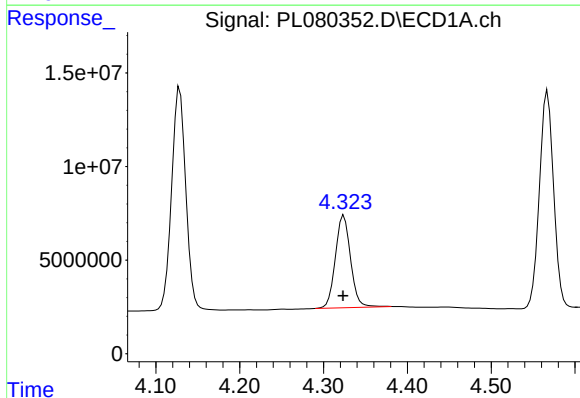
R.T.: 5.051 min  
Delta R.T.: 0.000 min  
Response: 131699302  
Conc: 55.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



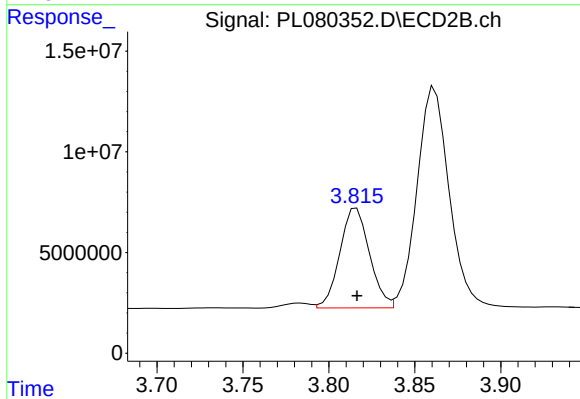
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: 0.000 min  
Response: 141112762  
Conc: 47.43 ng/ml



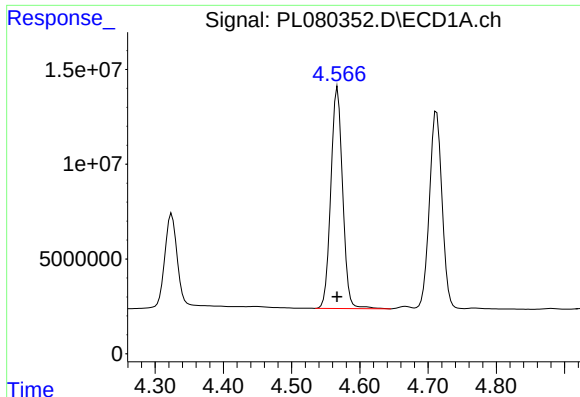
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 62157177  
Conc: 52.59 ng/ml



#6 beta-BHC

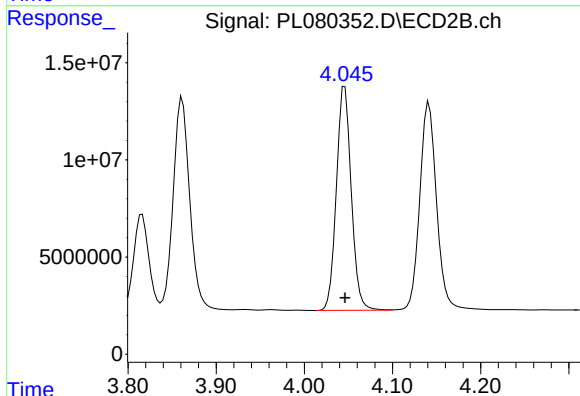
R.T.: 3.816 min  
Delta R.T.: 0.000 min  
Response: 59545014  
Conc: 44.24 ng/ml



#7 delta-BHC

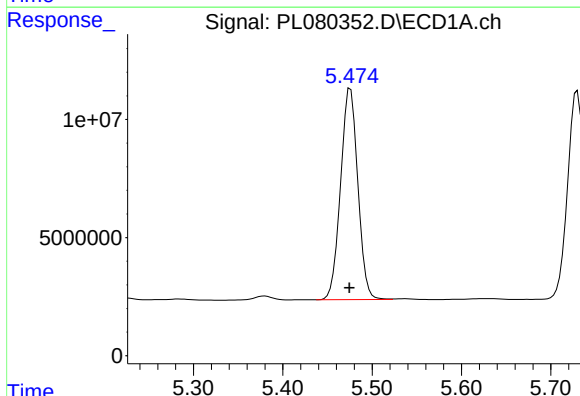
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 139875384  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



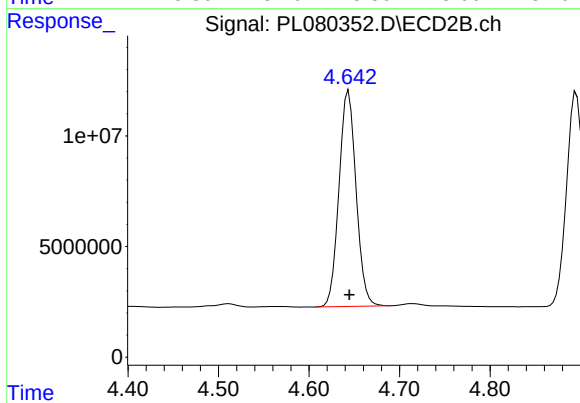
#7 delta-BHC

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 135336510  
Conc: 46.83 ng/ml



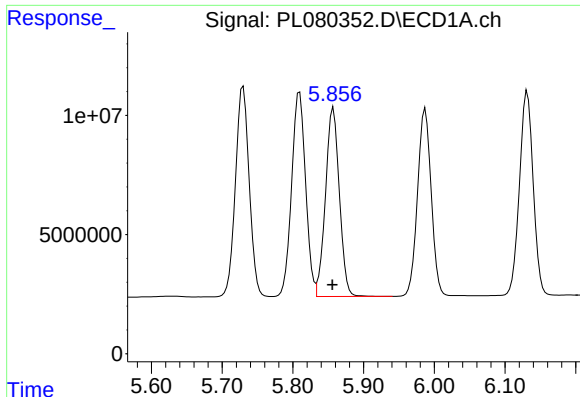
#8 Heptachlor epoxide

R.T.: 5.476 min  
Delta R.T.: 0.001 min  
Response: 120060279  
Conc: 54.07 ng/ml



#8 Heptachlor epoxide

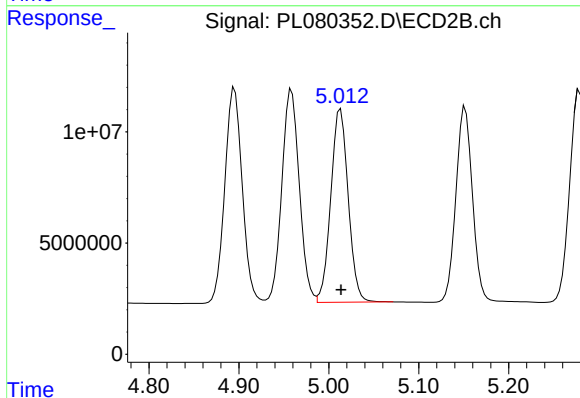
R.T.: 4.644 min  
Delta R.T.: 0.000 min  
Response: 127814551  
Conc: 45.58 ng/ml



#9 Endosulfan I

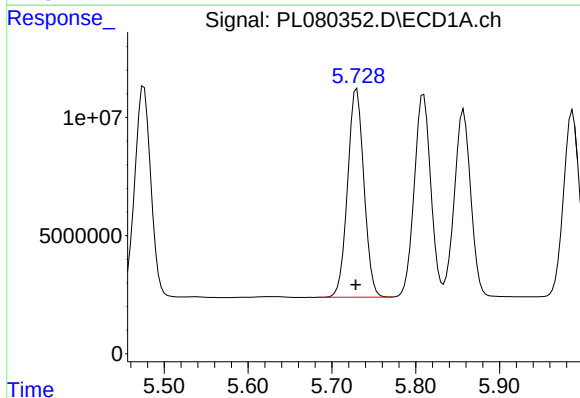
R.T.: 5.857 min  
Delta R.T.: 0.001 min  
Response: 108038787  
Conc: 53.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



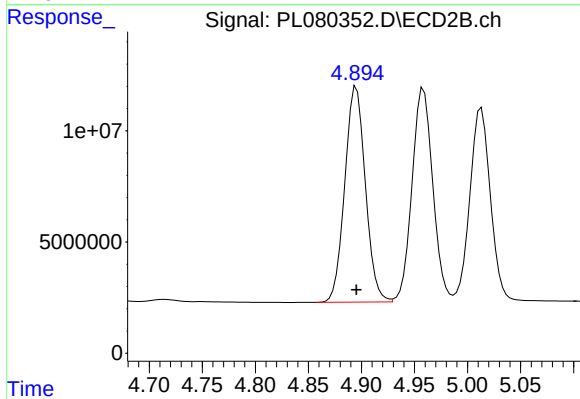
#9 Endosulfan I

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 117239711  
Conc: 44.85 ng/ml



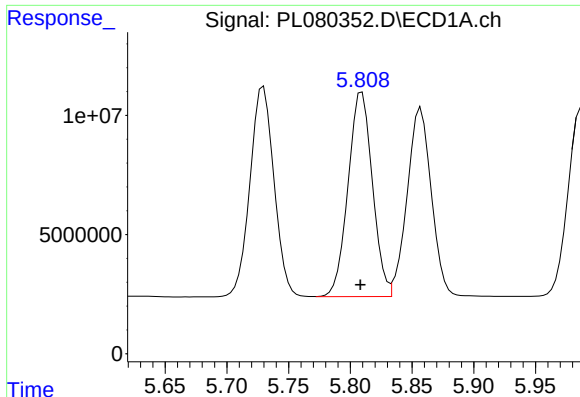
#10 gamma-Chlordane

R.T.: 5.730 min  
Delta R.T.: 0.001 min  
Response: 119787668  
Conc: 54.72 ng/ml



#10 gamma-Chlordane

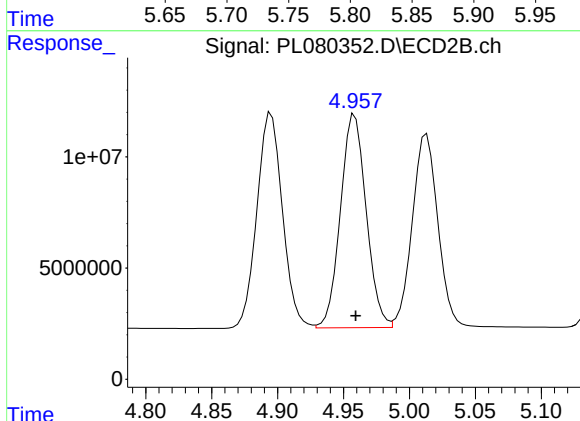
R.T.: 4.895 min  
Delta R.T.: 0.000 min  
Response: 130805211  
Conc: 45.78 ng/ml



#11 alpha-Chlordane

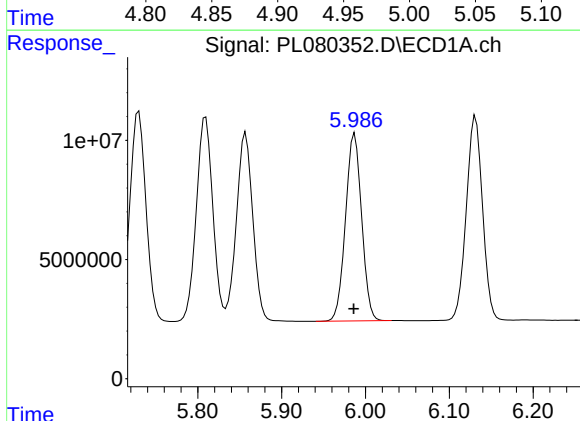
R.T.: 5.809 min  
Delta R.T.: 0.001 min  
Response: 117844313  
Conc: 54.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



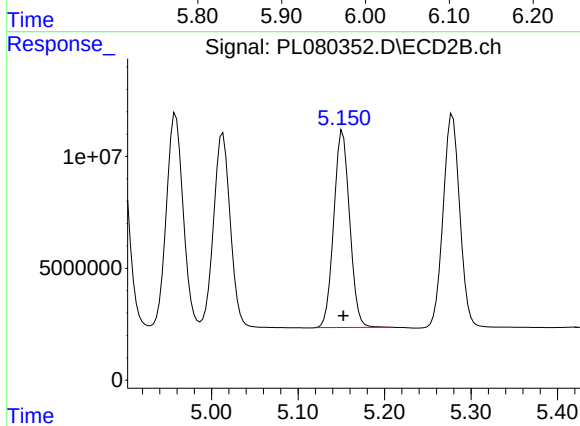
#11 alpha-Chlordane

R.T.: 4.959 min  
Delta R.T.: 0.000 min  
Response: 130291133  
Conc: 45.55 ng/ml



#12 4,4'-DDE

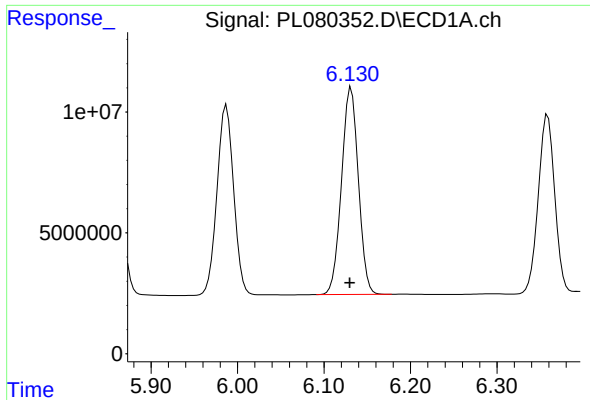
R.T.: 5.987 min  
Delta R.T.: 0.001 min  
Response: 105428702  
Conc: 54.36 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min  
Delta R.T.: 0.000 min  
Response: 111941863  
Conc: 47.67 ng/ml

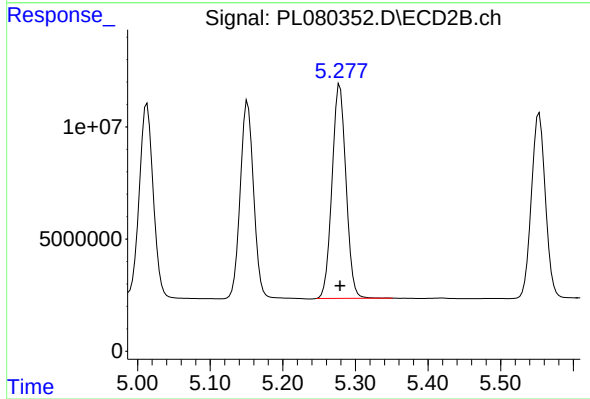




#13 Dieldrin

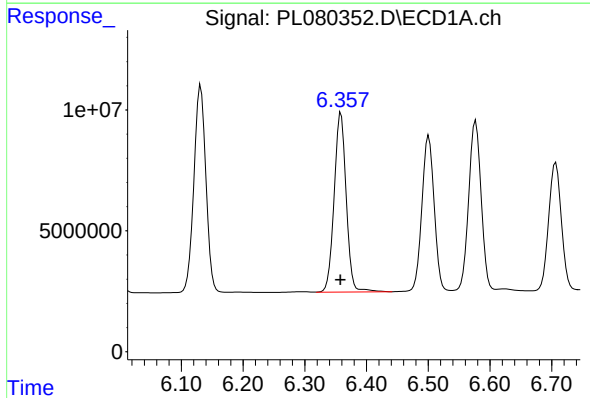
R.T.: 6.131 min  
Delta R.T.: 0.002 min  
Response: 115385909  
Conc: 56.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



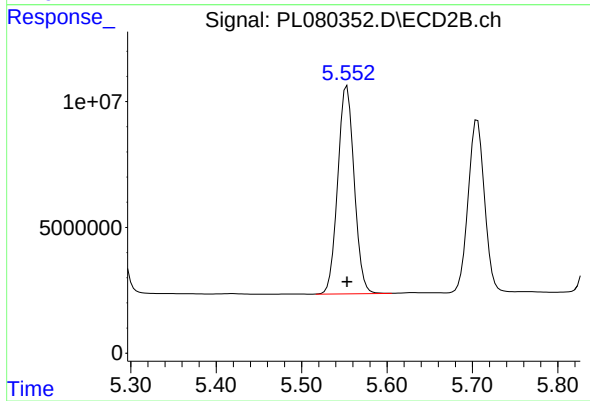
#13 Dieldrin

R.T.: 5.279 min  
Delta R.T.: 0.000 min  
Response: 127567325  
Conc: 46.81 ng/ml



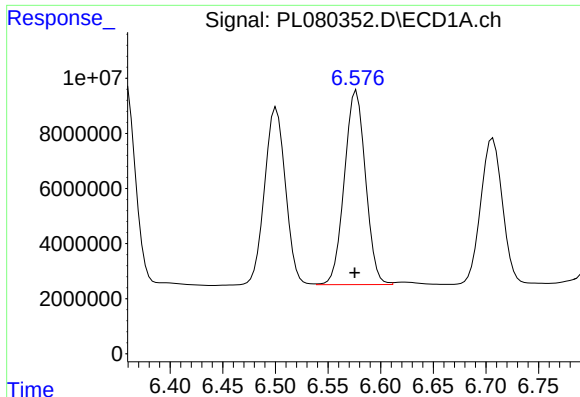
#14 Endrin

R.T.: 6.359 min  
Delta R.T.: 0.001 min  
Response: 100916274  
Conc: 55.02 ng/ml



#14 Endrin

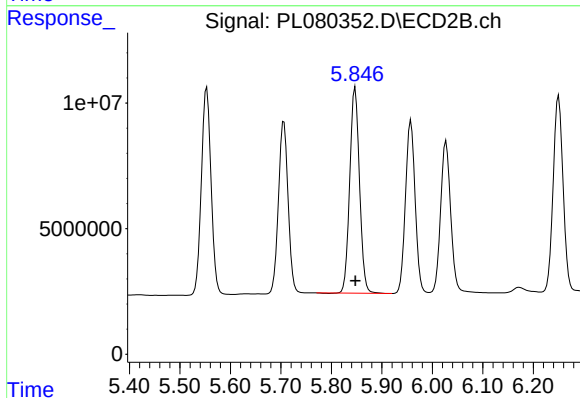
R.T.: 5.553 min  
Delta R.T.: 0.000 min  
Response: 110574439  
Conc: 46.47 ng/ml



#15 Endosulfan II

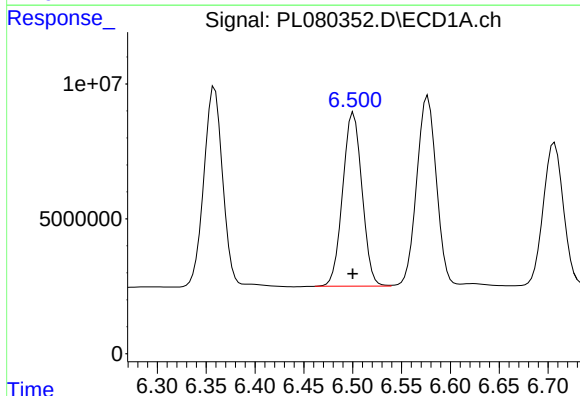
R.T.: 6.577 min  
Delta R.T.: 0.002 min  
Response: 98706353  
Conc: 51.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



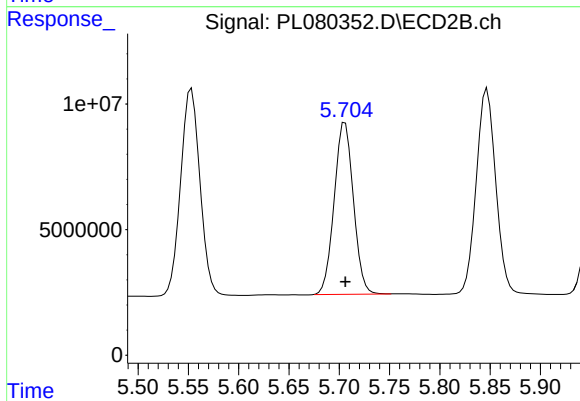
#15 Endosulfan II

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 110056235  
Conc: 45.37 ng/ml



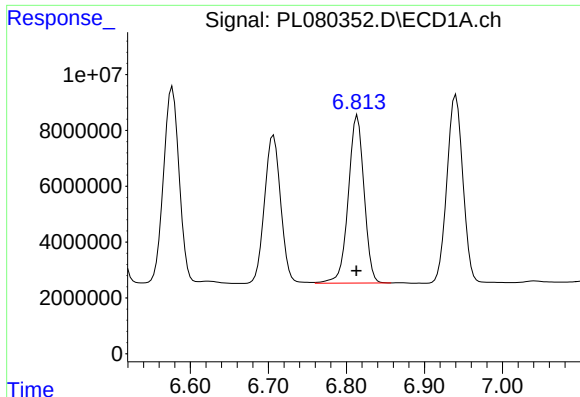
#16 4,4'-DDD

R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 88688711  
Conc: 56.04 ng/ml



#16 4,4'-DDD

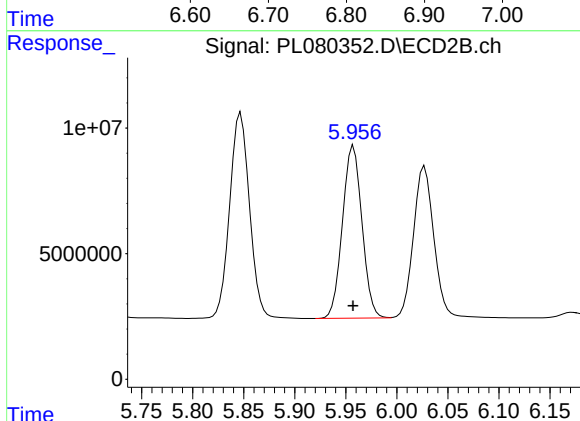
R.T.: 5.706 min  
Delta R.T.: 0.000 min  
Response: 90775474  
Conc: 48.98 ng/ml



#17 4,4'-DDT

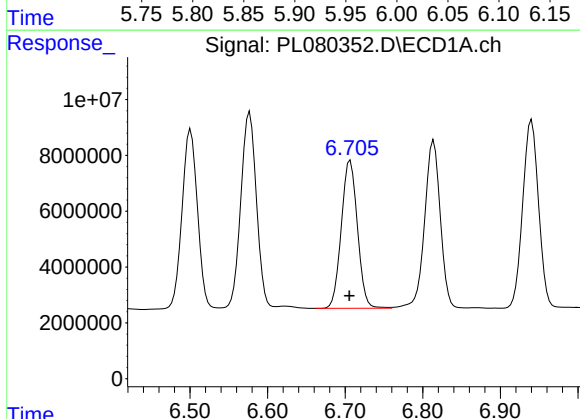
R.T.: 6.814 min  
Delta R.T.: 0.001 min  
Response: 84078730  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



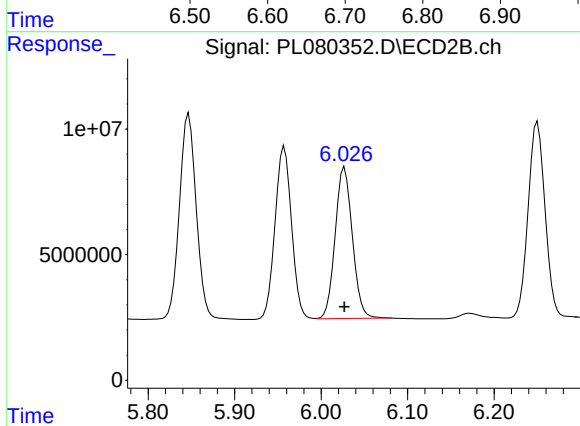
#17 4,4'-DDT

R.T.: 5.957 min  
Delta R.T.: 0.000 min  
Response: 91317951  
Conc: 43.33 ng/ml



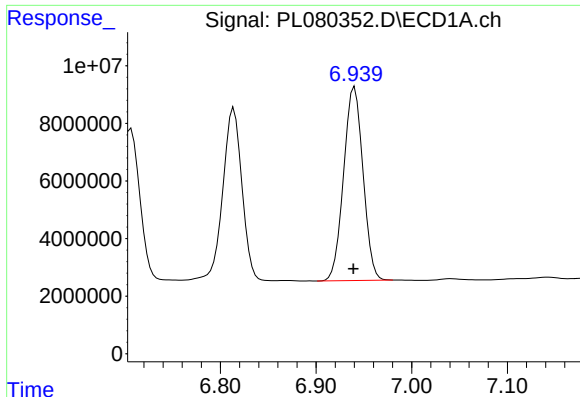
#18 Endrin aldehyde

R.T.: 6.707 min  
Delta R.T.: 0.001 min  
Response: 76486250  
Conc: 53.02 ng/ml



#18 Endrin aldehyde

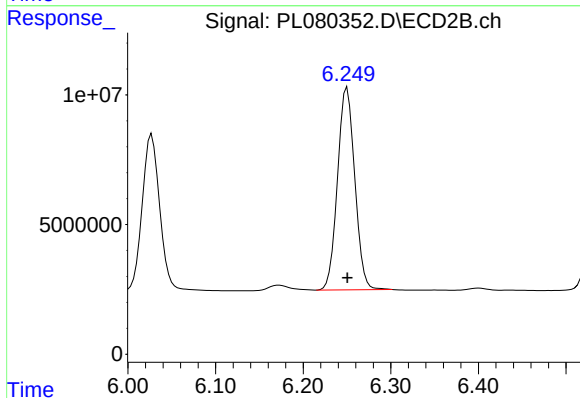
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 82953466  
Conc: 45.56 ng/ml



#19 Endosulfan Sulfate

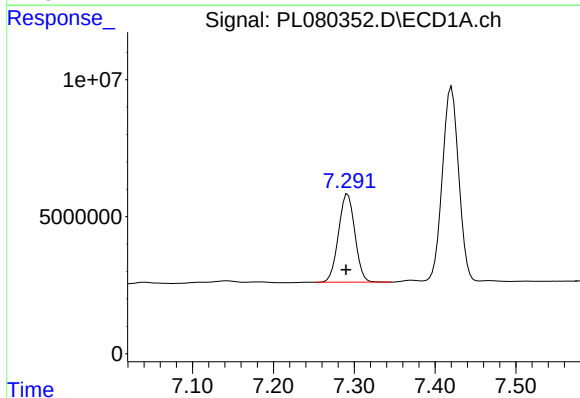
R.T.: 6.940 min  
Delta R.T.: 0.001 min  
Response: 95111935  
Conc: 54.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



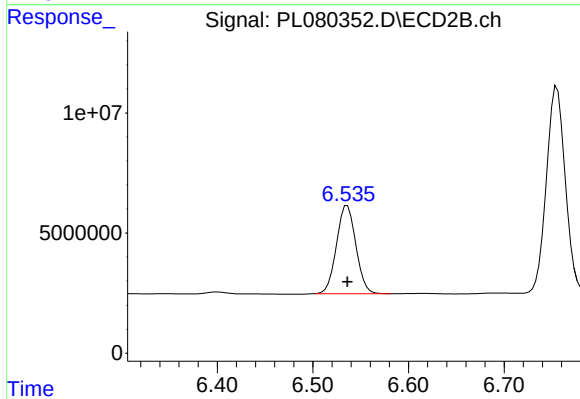
#19 Endosulfan Sulfate

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 106958741  
Conc: 46.07 ng/ml



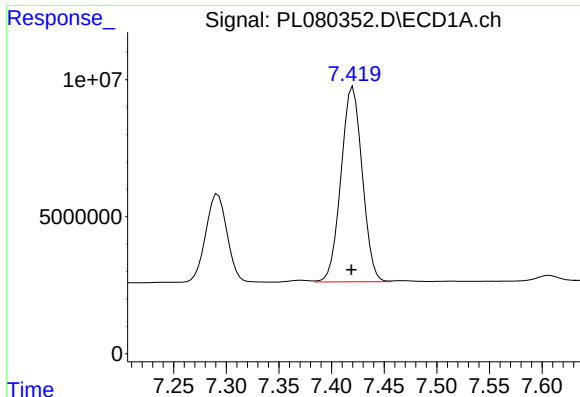
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: 0.002 min  
Response: 45291584  
Conc: 50.83 ng/ml



#20 Methoxychlor

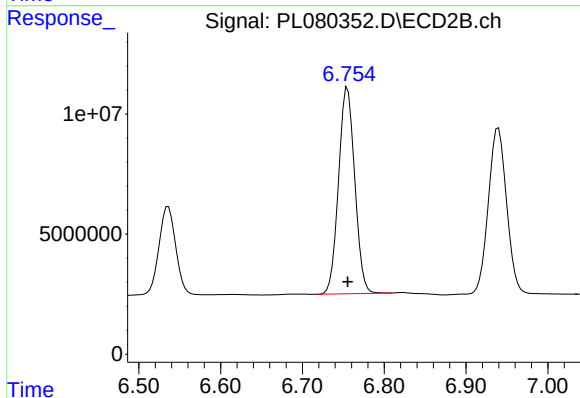
R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 51784025  
Conc: 43.08 ng/ml



#21 Endrin ketone

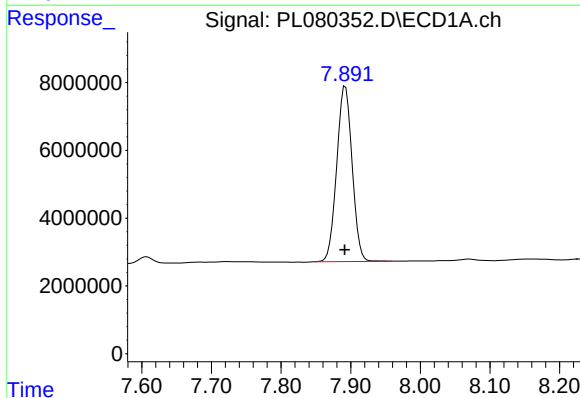
R.T.: 7.420 min  
Delta R.T.: 0.002 min  
Response: 100253695  
Conc: 53.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



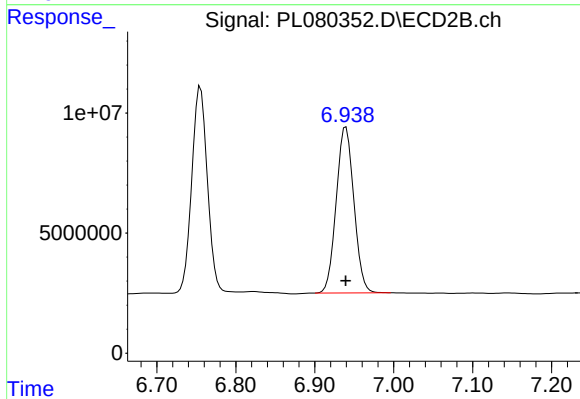
#21 Endrin ketone

R.T.: 6.755 min  
Delta R.T.: 0.000 min  
Response: 117953017  
Conc: 46.85 ng/ml



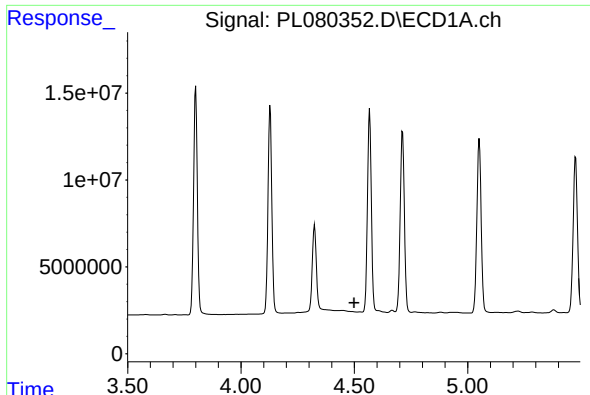
#22 Mirex

R.T.: 7.892 min  
Delta R.T.: 0.001 min  
Response: 79592084  
Conc: 56.27 ng/ml



#22 Mirex

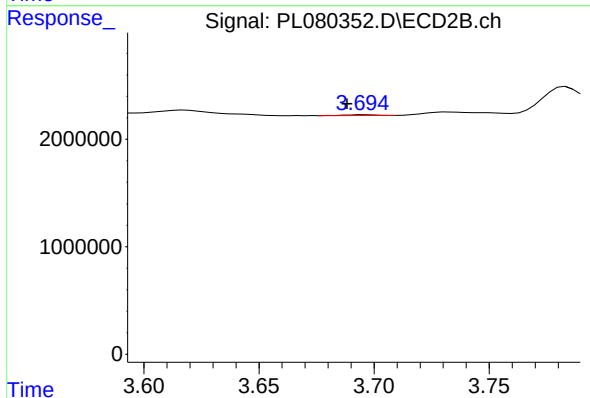
R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 107400133  
Conc: 47.71 ng/ml



#23 Chlordane-1

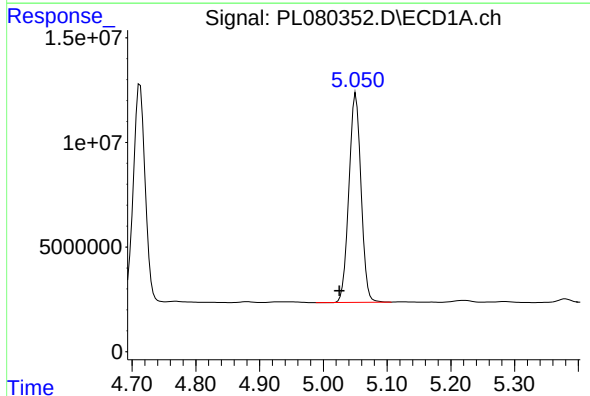
R.T.: 0.000 min  
Exp R.T.: 4.499 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



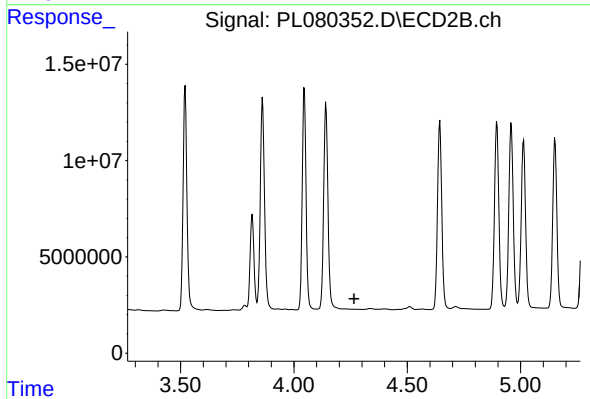
#23 Chlordane-1

R.T.: 3.695 min  
Delta R.T.: 0.007 min  
Response: 69339  
Conc: 0.85 ng/ml



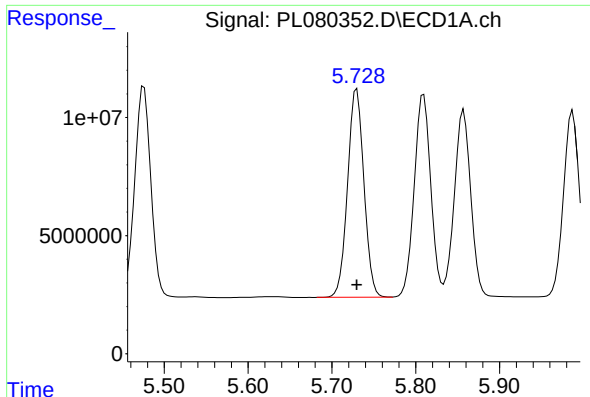
#24 Chlordane-2

R.T.: 5.051 min  
Delta R.T.: 0.026 min  
Response: 131699302  
Conc: 1496.70 ng/ml



#24 Chlordane-2

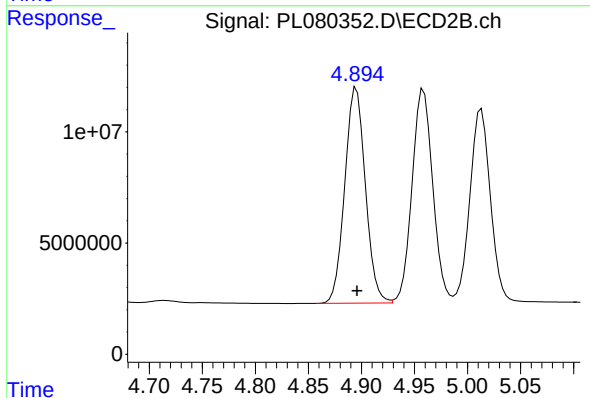
R.T.: 4.271 min  
Delta R.T.: 0.006 min  
Response: -85120  
Conc: N.D.



#25 Chlordane-3

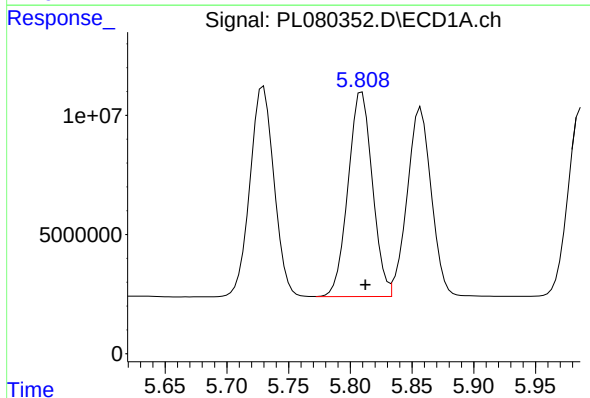
R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 119787668  
Conc: 369.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



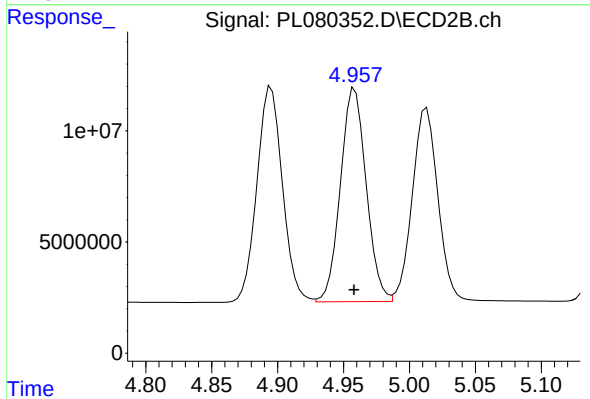
#25 Chlordane-3

R.T.: 4.895 min  
Delta R.T.: 0.000 min  
Response: 130805211  
Conc: 458.18 ng/ml



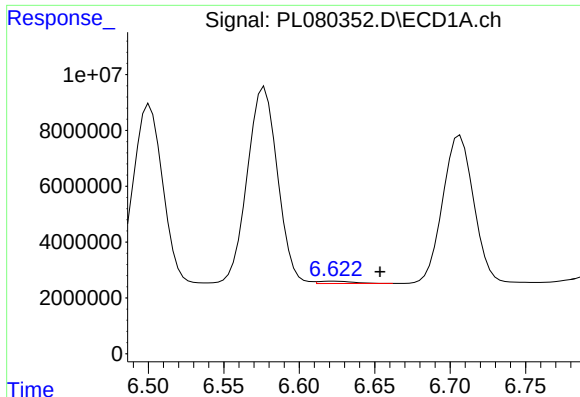
#26 Chlordane-4

R.T.: 5.809 min  
Delta R.T.: -0.003 min  
Response: 117844313  
Conc: 294.99 ng/ml



#26 Chlordane-4

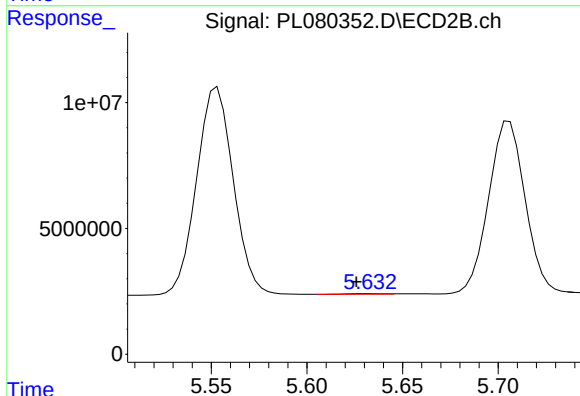
R.T.: 4.959 min  
Delta R.T.: 0.000 min  
Response: 130291133  
Conc: 455.50 ng/ml



#27 Chlordane-5

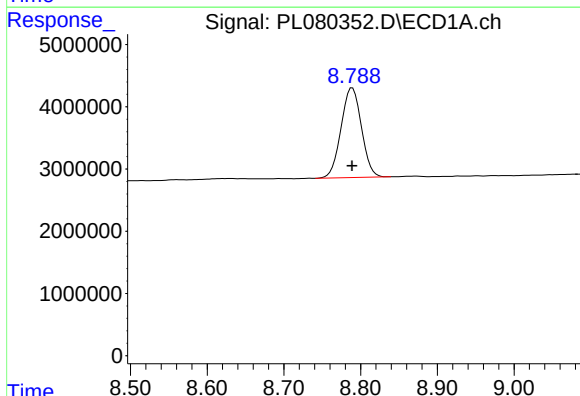
R.T.: 6.624 min  
Delta R.T.: -0.030 min  
Response: 1364590  
Conc: 19.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



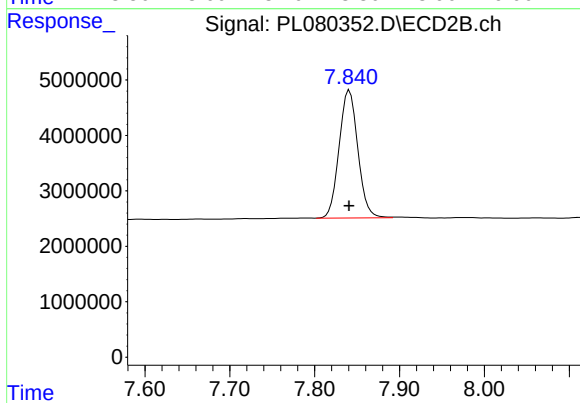
#27 Chlordane-5

R.T.: 5.633 min  
Delta R.T.: 0.007 min  
Response: 331320  
Conc: 4.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.789 min  
Delta R.T.: 0.000 min  
Response: 26766933  
Conc: 18.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.841 min  
Delta R.T.: 0.000 min  
Response: 35281629  
Conc: 15.70 ng/ml